



MATERIAL SAFETY DATA SHEET

IN THE EVENT OF A **CHEMICAL EMERGENCY** INVOLVING A
SPILL, LEAK, FIRE EXPOSURE OR ACCIDENT - 24 HOUR
TELEPHONE EMERGENCY CONTACT **1-800-424-9300**
*CHEMTREC

DOT HAZARD CLASSIFICATION NOT APPLICABLE

IDENTITY (AS USED ON LABEL AND LIST):

KER 140 - ADESILEX P4

CERAMIC TILE & STONE

INSTALLATION SYSTEM - GRAY

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

MANUFACTURER'S NAME:

MAPEI CORPORATION

EMERGENCY TELEPHONE NUMBER:

1-800-621-6491

ADDRESS (number, street, city, state & zip)

1501 WALL STREET
GARLAND, TX 75041

TELEPHONE NUMBER FOR INFORMATION

1-972-271-9500

DATE PREPARED

APRIL 2000

PREPARED BY:

SAFETY & REGULATORY AFFAIRS DEPT

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

(specific chemical identity; common name(s)):

OSHA (PEL)

ACGIH (TLV)

Other Limits

Recommended

% (optional)

SILICA SAND, CRYSTALLINE (CAS# 14808-60-7)

10mg/m³

0.1mg/m³

NONE

55 - 60%

PORTLAND CEMENT (CAS# 65997-15-1)

15mg/m³

10mg/m³

NONE

20 - 25%

CALCIUM CARBONATE (CAS# 1317-65-3)

15mg/m³

10mg/m³

NONE

5 - 10%

THIS PRODUCT CONTAINS FREE SILICA. AVOID DUSTY CONDITIONS. AVOID BREATHING DUST.

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER) REPORTS THERE IS SUFFICIENT EVIDENCE TO
CLASSIFY INHALED CRYSTALLINE SILICA FROM OCCUPATIONAL SOURCES AS CARCINOGENIC TO HUMANS.
CATEGORIZED AS AN IARC GROUP 1 AGENT.

FOR CALIFORNIA, THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE TOXICITY.

HMIS (HAZARDOUS MATERIALS IDENTIFICATION SYSTEM) RATING: H - 3 F - 0 R - 0

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:

N/A

Specific Gravity (H₂O = 1)

1.80

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Vapor Density (AIR = 1)

N/A

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility In Water:

NEGLIGIBLE

Appearance and Odor:

GRAY POWDER, CHARACTERISTIC CEMENT-TYPE ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used)

N/A

Flammable Limits:

N/A

LEL

UEL

Extinguishing Media

N/A

Special Fire Fighting Procedures

N/A

Unusual Fire and Explosion Hazards:

N/A

N/A = NOT APPLICABLE

SECTION V - REACTIVITY DATA			
Stability.	Unstable		Conditions to Avoid: NONE KNOWN
	Stable	X	
Incompatibility (Materials to avoid): NONE KNOWN			
Hazardous Decomposition or By-Products. N/A			
Hazardous Polymerization:	May Occur		Conditions to Avoid: NONE KNOWN
	Will Not Occur	X	
SECTION VI - HEALTH HAZARD DATA			
Route(s) of Entry.	Inhalation? YES	Skin? YES	Ingestion? YES
Health Hazards (acute and chronic):			
ACUTE: POSSIBLE INJURY DUE TO THE ALKALINE NATURE OF WET CEMENT (DERMATITIS, DRY COUGH, ETC)			
CHRONIC: REPEATED (LONG TERM) INHALATION OF DUST MAY RESULT IN SILICOSIS			
Carcinogenicity:	NTP? YES	IARC Monographs? YES CRYSTALLINE SILICA GROUP I AGENT	OSHA Regulated? YES
Signs and Symptoms of Exposure: DRY SKIN, DERMATITIS, DRY COUGH, IRRITATED EYES FROM DUST OR ANY OTHER POTENTIAL ADVERSE CONDITION RELATED TO THE ALKALINE NATURE OF WET CEMENT			
Medical Conditions Generally Aggravated by Exposure: ALLERGIES, RESPIRATORY AILMENTS AND SENSITIVE SKIN CONDITIONS			
Emergency and First Aid Procedures:			
EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES IF IRRITATION CONTINUES OR PERSISTS, CONSULT A PHYSICIAN			
SKIN: WASH THOROUGHLY WITH MILD SOAP AND WATER IF DERMATITIS DEVELOPES SEEK MEDICAL ATTENTION			
INHALATION: REMOVE TO FRESH AIR			
INGESTION: GIVE 3 TO 4 GLASSES OF WATER OR MILK TO DILUTE DO NOT INDUCE VOMITING DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON SEEK IMMEDIATE MEDICAL ATTENTION			
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE			
Steps to be Taken in Case Material is Released or Spilled: AVOID DUSTY CONDITIONS AVOID CREATING DUST PREFERRED CLEAN-UP METHOD IS TO VACUUM MATERIAL OTHERWISE SPRAY WITH WATER AND CLEAN-UP WITH A BROOM AND SHOVEL			
Waste Disposal Method. DISPOSE OF IN ACCORDANCE WITH ALL STATE, LOCAL AND FEDERAL REGULATIONS			
Precautions to be Taken in Handling and Storing: STORE IN A COOL, DRY AREA AVOID CREATING DUST CLOSE CONTAINER WHEN NOT IN USE			
Other Precautions: AVOID PROLONGED SKIN CONTACT WITH WET PRODUCT LONG TERM EXPOSURE TO FREE SILICA DUST WITHOUT ADEQUATE RESPIRATORY PROTECTION MAY RESULT IN SILICOSIS			
SECTION VIII - CONTROL MEASURES			
Respiratory Protection (specify type): NIOSH APPROVED PARTICULATE FILTER RESPIRATOR RATED N95 (42 CFR 84)			
Ventilation:	Local Exhaust OBSERVE (CURRENT EPA STANDARDS FOR PARTICULATES)	Special: N/A	
	Mechanical (general): N/A	Other: N/A	
Protective Gloves: IMPERVIOUS (RUBBER OR BETTER)		Eye Protection SAFETY GLASSES AT MINIMUM	
Other Protective Clothing or Equipment: AS NEEDED TO MINIMIZE EXPOSURE TO WET PRODUCT			
Work/Hygienic Practices: WASH HANDS AND FACE THOROUGHLY BEFORE EATING, DRINKING, SMOKING OR USING THE TOILET			

N/A = NOT APPLICABLE